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Paradise Valley Community Health Profile

The Arizona Department of Health Services, Division of Public Health collaborated and developed Community Health Profiles for 87 incorporated towns and cities in Arizona.

The purpose of the Community Health Profiles is to aggregate various data from different agencies, especially those programs within the Arizona Department of Health Services to provide a user-friendly community health profile for communities in Arizona.

The Community Health Profiles is in the initial phase of a long-term project to improve the accessibility of health-related data to communities and is a product of an Arizona Department of Health Services workgroup. Input for the indicators on this project has also been sought from community organizations.

The Community Health Profiles can be used by a variety of individuals, groups, and organizations to address a number of health issues. One of the goals of the project was to provide the data in groupings (using headings such as demographics, birth measures, prevention measures, etc.) to highlight data that would facilitate health program planning, implementation, and improvement in communities.

Likely users may include:

- Community members and consumers of health care: individuals, families, and representatives of municipalities, neighborhoods and other geographical areas
- Elected state and local officials
- Professionals in public health, clinical care, social services and others
- Community advocates and organizers

The information contained in these community health profiles provide the basis for actions such as:

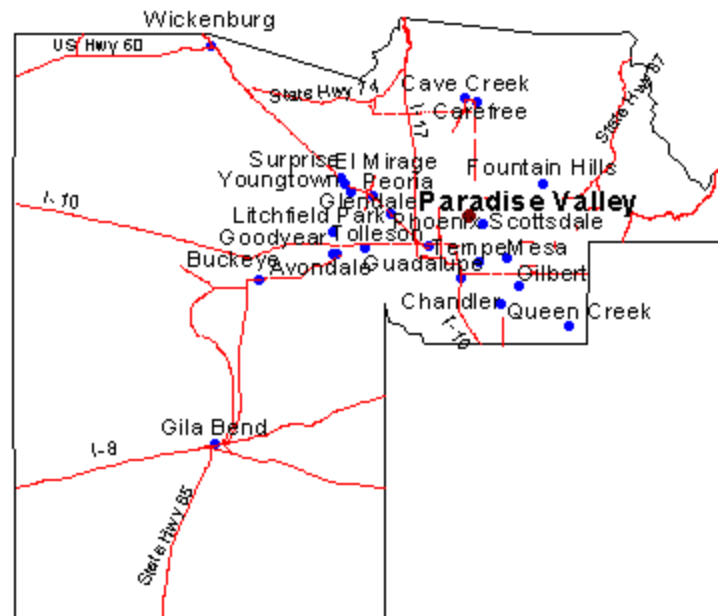
1. Determining the level of health that exists within the community
2. Discovering health strengths, problems or needs, and/or interventions to meet health needs that were not previously understood
3. Discover changes over time (trends) in population, health strengths and problems, and/or interventions
4. Make comparisons with other communities, the state or the nation
5. Examine relationships between health status and determinants of health (social environment, behavior, and health care resources)
6. Establish priorities among health problems and/or interventions
7. Evaluate interventions according to various dimensions such as relevance, adequacy, effectiveness, and impact
8. Initiate interventions directly or indirectly through others or in collaboration with others
9. Decide how to allocate resources among alternate interventions
10. Prepare and implement individual, institutional and community health improvement plans
11. Bring community members together around issues of interest; build coalitions and collaboration.

Because many of the indicators presented here are small numbers, the calculated rates are unstable. However, it is important for the community to have the information to make program decisions and/or investigate the issues presented here. Community Health Profiles are updated and published annually.

For more information about this effort please contact Patricia Tarango at (602) 542-1219. To receive this document in alternative format contact Rodney Cluff at (602) 542-2998.

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	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
DEMOGRAPHICS				
POPULATION ¹	13,664	3,072,149	5,130,632	281,421,906
<1	94	49,108	77,421	3,805,648
1-4	521	192,866	304,965	15,370,150
5-14	2,141	460,278	768,080	41,077,577
15-24	1,189	439,116	730,582	39,183,891
25-34	600	488,329	742,665	39,891,724
35-44	1,970	475,907	768,804	45,148,527
45-54	2,725	366,464	627,904	37,677,952
55-64	2,181	241,102	442,372	24,274,684
65-74	1,380	188,816	363,841	18,390,986
75-84	681	130,036	235,473	12,361,180
85+	182	40,127	68,525	4,239,587
% <1	0.7 %	1.6 %	1.5 %	1.4 %
% 1-4	3.8 %	6.3 %	5.9 %	5.5 %
% 5-14	15.7 %	15.0 %	15.0 %	14.6 %
% 15-24	8.7 %	14.3 %	14.2 %	13.9 %
% 25-34	4.4 %	15.9 %	14.5 %	14.2 %
% 35-44	14.4 %	15.5 %	15.0 %	16.0 %
% 45-54	19.9 %	11.9 %	12.2 %	13.4 %
% 55-64	16.0 %	7.8 %	8.6 %	8.6 %
% 65-74	10.1 %	6.1 %	7.1 %	6.5 %
% 75-84	5.0 %	4.2 %	4.6 %	4.4 %
% 85+	1.3 %	1.3 %	1.3 %	1.5 %
Race				
White	96.6 %	79.8 %	77.9 %	77.1 %
American Indian	0.3 %	2.5 %	5.7 %	1.5 %
Black	0.9 %	4.3 %	3.6 %	12.9 %
Asian/Pacific Islander	2.5 %	3.0 %	2.6 %	4.5 %
Other	-0.3 %	10.4 %	10.2 %	6.6 %
Ethnicity				
Hispanic	2.7 %	24.8 %	25.3 %	12.5 %
Gender				
Female	50.3 %	50.0 %	50.1 %	50.9 %
Male	49.7 %	50.0 %	49.9 %	49.1 %
Population Density	881.7	333.8	45.2	79.6

¹ Population and Ethnicity, 2000 Census Summary File 1 (SF1). Hispanics are an ethnic group. Racial groups add to 100%. Races alone or in combination with one or more other races data used. Population Density = Population Year 2000 / Square Miles, 2000 Census SF1.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
ADDITIONAL DEMOGRAPHICS				
INCOME ²				
Population under 100% of FPL	2.5 %	11.7 %	13.9 %	12.4 %
Population under 125% of FPL	3.4 %	15.8 %	18.7 %	16.5 %
Population under 185% of FPL	5.0 %	26.7 %	30.8 %	27.1 %
Population under 200% of FPL	5.6 %	29.2 %	33.5 %	29.6 %
Median Household Income	\$148,500	\$49,500	\$44,300	\$42,000
Population >25 yrs without H.S. diploma ...	1.9 %	17.5 %	19.0 %	19.6 %
INSURANCE ³				
Medicare Recipients	2,037	315,097	572,487	38,782,000
% of Medicare Recipients	14.9 %	10.3 %	11.2 %	13.8 %
AHCCCS Enrollees	124	283,838	576,083	NC
% of AHCCCS Enrollees	0.9 %	9.2 %	11.2 %	NC
KidsCare Enrollees	3	20,843	41,257	NC
% of KidsCare Enrollees	0.1 %	2.3 %	2.7 %	NC
Adults without medical insurance	NA	14.7 %	17.1 %	13.8 %
Adults without dental insurance	NA	38.0 %	42.1 %	36.7 %
Children without dental insurance	00.0 %	NA	24.0 %	NA
Percent Unemployed	1.3 %	2.6 %	3.7 %	5.3 %
Food Stamp Recipients	1	39,121	260,895	6,409,783
Children WIC Recipients	0	83,844	150,132	3,551,093
Women WIC Recipients	0	87,954	139,916	1,748,792
Children's Rehabilitative Services Participants	6	8,106	16,153	NA
NC - Not Comparable NA - Not Available				

² Percent of 2000 population under Federal Poverty Level (FPL), Census 2000 SF3, Median Household Income (rounded to nearest hundred), percent of 2000 population 25 years of age or older with less than a High School Diploma, 2000 Census, Summary File 3 (SF3).

³ Medicare Recipients, age >=65: Centers for Medicare & Medicaid Services, 07/01/00, percent of 2000 population on Medicare. AHCCCS enrollees, percent of 2000 population on AHCCCS. KidsCare Enrollees, percent of 0-19 2000 population, Arizona Health Care Cost Containment System (AHCCCS), 12/31/2000. Adults without medical and dental insurance, Behavioral Risk Factors survey, percent of respondents in the affirmative, Arizona Department of Health Services, Office of Epidemiology and Statistics, 2000. Children without dental insurance, Arizona Department of Health Services, Office of Oral Health, Arizona School Dental Survey, "Every Tooth Counts," 1999-2003, Children in public schools in grades Kindergarten through Third Grade. Percent of Work Force Unemployed, Arizona, Arizona Department of Economic Security, 2000; National, Census 2000 Supplementary Survey. Food Stamp recipients, City & State, Arizona Department of Economic Security (DES), June 2000; National Census 2000 Supplementary Survey. Women, Infants and Children (WIC), Arizona, Arizona Department of Economic Security, 2000; National, U.S. Department of Agriculture, Food and Nutrition Service, FY 2000. Children Rehabilitative Services Participants, count of eligible members, Arizona Department of Health Services, Office for Children with Special Health Care Needs, 2000.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
COMMUNITY RESOURCES				
PERSONNEL ⁴				
Primary Care Physicians	18	2,841	4,507	NA
Dentists	11	2,226	3,386	NA
Mental Health Providers	0	338	490	NA
Nurse Practitioners	3	969	1,707	NA
Physician Assistants	2	392	657	NA
Certified Nurse Midwives	0	57	146	NA
DESIGNATIONS ⁵				
Is community in a PC HPSA?	No			
Is community in a Dental HPSA?.....	No			
Is community in a Mental HPSA?	Maricopa County Jails Only			
Is community in a fed MUA or MUP?....	No			
Is community in an AzMUA?	No			
Is community designated as Rural?.....	No			
FACILITIES ⁶				
Sliding Fee Scale clinics in the area	0	73	145	NC
School Based clinics in the area	0	59	64	NC
NonFederal Hospitals	0	37	79	NA
Hospital bed capacity	0	6,726	11,157	NA
NC - Not Comparable NA - Not Available				

⁴ Primary Care Physicians, active Medical Doctors in Family Practice, General Practice, Gynecology, Internal Medicine, Obstetrics & Gynecology, Pediatrics, and all active Osteopathic Physicians. Medical Doctors and Physician Assistants, Arizona Board of Medical Examiners. Medical Doctors, Oct 2000, Physician Assistants, Feb 2000. Osteopathic Physicians, Arizona Board of Osteopathic Examiners, Oct 2000. Dentists, Arizona Board of Dental Examiners, Oct 2000. Nurse Practitioners, Arizona State Board of Nursing, Nov 2000, Certified Nurse Midwives, Arizona State Board of Nursing, December 2000.

⁵ Currently designated Primary Care (PC) Health Professional Shortage Area (HPSA), Dental or Mental HPSA designation, Federal Medically Underserved Area or Population (fed MUA or MUP), AzMUA, Arizona Medically Underserved Area: Arizona Department of Health Services, Office of Health Systems Development.

⁶ Current Sliding Fee Scale primary care clinics, (Per AAC Title 9, chapter 2, section R9-2-101: A "sliding fee schedule" means a document that sets forth the relationship between an individual's income and family size and states the percentage of the charges for health care services provided pursuant to A.R.S. 36-2907.06 for which the individual will be responsible). School Based/School Linked Health Clinics --Tobacco Tax School Based clinics, Office of Health Systems Development, ADHS. NonFederal Hospitals and Beds, Arizona Department of Health Services, Assurance & Licensure Services, Oct 2000.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
BIRTH MEASURES ⁷				
Total Births	106	54,470	84,985	4,058,814
Birth rate per 1,000 population	7.8	17.7	16.6	14.7
Fertility rate per 1,000 females aged 15-44 yrs	53.7	80.7	78.4	67.5
Births to females aged 10-19 yrs	3	7,212	12,189	477,509
Birth rate per 1,000 females aged 10-19 yrs ...	3.0	34.2	33.7	17.2
Births to females aged 15-19 yrs	3	7,076	11,973	468,990
Birth rate per 1,000 females aged 15-19 yrs ...	7.0	68.9	67.6	48.5
Births to females aged 15-17 yrs	3	2,556	4,284	157,209
Birth rate per 1,000 females aged 15-17 yrs	9.6	42.3	41.1	27.4
Low-birthweight (LBW) babies (<2,500 grams) ...	4	3,711	5,975	307,030
LBW babies per 100 births	3.8	6.8	7.0	7.6
Preterm babies (<37 weeks of gestation)	6	5,664	8,714	430,234
Preterm babies per 100 births	5.7	10.4	10.3	10.6
No prenatal care during pregnancy	2	1,036	1,788	44,629
No prenatal care per 100 births	1.9	1.9	2.1	1.1
No prenatal care in the 1st trimester	10	12,352	21,288	774,558
No prenatal care in 1st trimester per 100 births	9.4	22.7	25.0	19.1
Five or more prenatal visits	101	48,582	75,536	3,737,344
Five or more prenatal visits per 100 births	95.3	89.2	88.9	92.1
Payee for births: AHCCCS or IHS	8	22,539	37,566	NA
Births paid for by AHCCCS or IHS per 100 births	7.5	41.4	44.2	NA
Payee for births: private insurance	92	29,469	42,884	NA
Births paid by private insurance per 100 births	86.8	54.1	50.5	NA
Payee for births: self	6	1,529	2,702	NA
Self-paid births per 100 births	5.7	2.8	3.2	NA
Births to unwed mothers	13	20,356	33,438	1,347,043
Births to unwed mothers per 100 births	12.3	37.4	39.3	33.2
Tobacco use during pregnancy	3	3,359	5,807	425,099
Tobacco use during pregnancy per 100 births..	2.8	6.2	6.8	10.5
NC - Not Comparable		NA - Not Available		

⁷ Characteristics of Arizona mothers and newborns are based on information collected on birth certificates filed with the Arizona Department of Health Services, Office of Vital Records. The data for National are from "Births: Final Data for 2000," National Vital Statistics Reports, Volume 50, Number 5, February 12, 2002, Hyattsville, Maryland, National Center for Health Statistics. Population denominators for Arizona residents, used to calculate rates, are census enumerations for 2000 from the U.S. Census Bureau. Additional information on Arizona mothers and newborns is available online at <http://www.hs.state.az.us/plan/>.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
DEATH MEASURES ⁸				
Total deaths, all ages	93	22,600	40,202	2,403,351
Deaths per 100,000 population	680.6	735.6	783.6	873.1
Deaths per 100,000 age-adjusted population	635.4	785.4	785.6	872.0
CAUSE-SPECIFIC MORTALITY				
Accidents (Unintentional injury) deaths	4	1,029	2,087	97,900
Death rate for accidents	36.6	34.6	41.1	35.5
Deaths from motor vehicle-related injuries	2	446	896	43,354
Death rate for motor vehicle-related injuries ..	23.3	14.6	17.5	15.7
Alcohol-induced deaths	0	184	436	19,358
Death rate for alcohol-induced deaths .....	.0	6.5	8.7	7.0
Intentional self-harm (suicide)	1	381	737	29,350
Suicide rate	4.8	12.7	14.6	10.6
Assault (homicide)	0	242	394	16,765
Homicide rate .....	.0	7.6	7.6	6.1
Drug-induced deaths	0	120	334	19,698
Mortality rate for drug-induced deaths .....	.0	4.0	6.8	7.1
Deaths from injury by firearms	1	423	785	28,663
Death rate for injury by firearms	4.8	13.8	15.3	10.4
Deaths from cardiovascular diseases	32	7,847	13,950	936,923
Death rate for cardiovascular diseases	229.0	277.2	276.1	339.9
Deaths from cancer	27	5,069	8,994	553,091
Death rate for cancer	154.8	174.1	170.4	201.0
Deaths from diabetes	3	522	993	69,301
Death rate for diabetes	19.1	18.1	19.0	25.2
AGE-SPECIFIC MORTALITY				
Number of infant deaths (<1 yr of age)	1	356	568	28,035
Number of infant deaths per 1,000 births	9.4	6.5	6.7	6.9
Number of deaths by age group:				
1-4	0	66	112	4,979
5-14	0	79	159	7,413
15-24	2	362	670	31,307
NC - Not Comparable NA - Not Available				

⁸ These mortality rates are per 100,000 population age-adjusted to the 2000 U.S. standard. Age-adjusted mortality rates are better indicators than crude (unadjusted) death rates when comparing mortality across geographic areas or between subgroups of population that have different age compositions. Technical information on computing age-adjusted mortality rates is available online at <http://www.hs.state.az.us/plan/2001ahs/source01.pdf>. Age-specific and cause-specific mortality profiles are based on information collected on death certificates filed with the Arizona Department of Health Services, Office of Vital Records. The data for National are from "Deaths: Final Data for 2000," National Vital Statistics Reports, Volume 50, Number 15, September 16, 2002, Hyattsville, Maryland, National Center for Health Statistics. Population denominators for Arizona residents, used to calculate rates, are census enumerations for 2000 from the U.S. Census Bureau. Additional information on deaths to Arizona residents is available online at <http://www.hs.state.az.us/plan/>.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
DEATH MEASURES Continued...				
25-34	0	505	887	40,451
35-44	2	948	1,666	89,798
45-54	2	1,507	2,755	160,341
55-64	10	2,122	4,030	240,846
65-74	17	4,070	7,733	441,209
75-84	27	6,696	11,871	700,445
85+	32	5,878	9,719	658,171
Mortality rates by age groups per 100,000 persons:				
1-4 .....	.0	34.2	36.7	32.9
5-14 .....	.0	17.2	20.7	18.7
15-24	168.2	82.4	91.7	81.6
25-34 .....	.0	103.4	119.4	108.1
35-44	101.5	199.2	216.7	200.0
45-54	73.4	411.2	438.8	431.6
55-64	458.5	880.1	911.0	1,004.6
65-74	1,231.9	2,155.5	2,125.4	2,428.6
75-84	3,964.8	5,149.3	5,041.3	5,688.4
85+	17,582.4	14,648.5	14,183.1	15,321.5
INFECTIOUS DISEASES (cases of) ⁹				
Vaccine Preventable Diseases	<3	62	137	2,356
Hepatitis A/Shigellosis	<3	482	1,042	12,521
Sexually Transmitted Diseases	<3	12,186	18,067	331,905
HIV/AIDS	<3	62	788	12,725
Food Borne Diseases	5	757	1,492	25,557
Tuberculosis	<3	157	261	3,729
CANCER (new cases of) ¹⁰				
Breast Cancer	18	1,872	3,204	184,200
Cervical Cancer	0	84	168	12,800
Colorectal Cancer	6	1,372	2,378	130,200
Lung Cancer	0	1,723	2,984	164,100
Prostate Cancer	16	1,505	2,538	180,400
IMMUNIZATION ¹¹				
Immunized 2 yr olds	37.6 %	51.5 %	71.3 %	74.2 %
NC - Not Comparable		NA - Not Available		

⁹ Vaccine preventable diseases include the number of reported cases of measles, mumps, diphtheria, tetanus, rubella, congenital rubella, pertussis, polio and Haemophilus influenzae type b. Sexually Transmitted Diseases include cases of chlamydia, gonorrhea and syphilis. For HIV/AIDS, if the number of reported cases is between 0 and 3 then, then the count will show as <3. Food borne diseases include campylobacteriosis, cryptosporidiosis, E. coli O157:H7, listeriosis, paratyphoid, typhoid fever, salmonellosis, vibriosis and yersiniosis. For Tuberculosis, if the number of reported cases is between 0 and 3, then the count will show as <3. All cases must meet the CSTE/CDC Case Definitions for Public Health Surveillance. Arizona Department of Health Services (ADHS), Bureau of Epidemiology and Disease Control, Cases reported in the calendar year 2000. National, Vaccine Preventable Diseases include measles, mumps, rubella, pertussis, and Haemophilus influenzae type b, AIDS Cases, Food Borne Diseases include salmonellosis, shigellosis, listeriosis, cryptosporidiosis and E. coli, Centers for Disease Control and Prevention (CDC) MMWR Summary Report for 2000.

¹⁰ Cancer cases: ADHS, Arizona Cancer Registry, 2000. National, CDC MMWR Summary Report for 2000.

¹¹ Immunization, percent of 2000 Census 2 year old children immunized 4 DTP/DTap, 3 Polio, 1 MMR, 3 Hib (4-3-1-3), ADHS, Arizona State Immunization System; State and National, percent of 2 year old children immunized 4-3-1-3, 2000 National Immunization Survey, CDC.

	Paradise Valley	MARICOPA	ARIZONA	NATIONAL
ORAL HEALTH ¹²				
Untreated Tooth Decay (6-8 year olds)	00.0 %	35.0 %	41.0 %	29.0 %
Tooth Decay Experience (6-8 year olds)	00.0 %	57.0 %	62.0 %	52.0 %
Urgent Treatment Needs (6-8 year olds)	00.0 %	9.0 %	9.0 %	NA
Sealants Present (8 year olds)	00.0 %	31.0 %	28.0 %	23.0 %
BEHAVIORAL RISK FACTORS ¹³				
Alcohol Abuse (Binge Drinking)	NA	NA	NA	3.8 %
Alcohol Abuse (Chronic Drinking)	NA	NA	NA	1.0 %
Drinking and Driving	NA	NA	NA	0.8 %
Believe Medium/High Chance of Getting HIV	NA	5.2 %	4.9 %	7.0 %
Ever tested for HIV	NA	56.4 %	59.7 %	51.2 %
Ever told have Diabetes	NA	6.1 %	5.9 %	6.4 %
Ever told have High Blood Pressure	NA	NA	NA	25.1 %
Less than 5 Fruits and Vegetables per Day	NA	63.8 %	63.1 %	74.0 %
Never had a Mammogram and Breast Exam	NA	10.9 %	11.1 %	7.3 %
No Mammogram within the past 2 years ...	NA	8.0 %	9.9 %	15.1 %
No Pap Test within the past 3 years	NA	7.4 %	8.5 %	11.6 %
No Leisure Time Physical Activity	NA	34.8 %	34.1 %	27.2 %
No Cholesterol Check within 5 years	NA	NA	NA	29.7 %
No Blood Pressure Check within 2 years ...	NA	NA	NA	0.5 %
Obesity	NA	21.0 %	18.1 %	19.5 %
Tobacco Use (Adults)	NA	19.4 %	18.5 %	22.2 %
Would Not Encourage Teen Condom Use ...	NA	NA	1.8 %	2.1 %
HOSPITALIZATIONS ¹⁴				
Asthma	22.0	105.3	99.3	NA
Diabetes	22.0	121.2	132.8	NA
Heart Attack	117.1	203.9	214.3	NA
Stroke	36.6	38.6	38.4	NA
Traumatic Brain Injury	15	2,906	4,615	NA
SUMMARY MEASURES OF HEALTH ¹⁵				
Average age at death	75.6	71.7	71.6	NA
Premature Mortality	41.9 %	49.6 %	51.6 %	NA
Self-rated health status as Fair or Poor	NA	NA	14.8 %	15.5 %
Avg No. of Unhealthy Days in Past Month ...	NA	NA	10.7 %	9.9 %
NC - Not Comparable		NA - Not Available		

¹² Oral Health, ADHS, Arizona School Dental Survey, "Every Tooth Counts," 1999-2003, Children in public schools in grades Kindergarten through Third Grade. "Urgent" means children with pain and/or infection requiring treatment within a 24-hour period. Sealants Present on at least one permanent molar. County data based on a probability sample by community and therefore may not be representative of the county as a whole. National data, National Center for Health Statistics. National Health and Nutrition Examination Survey III 1988-1994. Hyattsville, MD: Centers for Disease Control and Prevention (CDC), unpublished data.

¹³ Behavioral Risk Factors, percent of respondents in the affirmative. Data is available by National, state, regional levels, and Maricopa and Pima counties, Arizona Department of Health Services, Office of Epidemiology and Statistics, 2000.

¹⁴ Asthma, Diabetes, Heart Attack, Stroke hospitalizations per 100,000 residents, year 2000, Arizona Department of Health Services, Bureau of Public Health Statistics, Hospital Discharge Registry. Traumatic Brain Injury, number of incident cases identified from Arizona Department of Health Services Hospital Discharge data for 1999, unduplicated and excluding emergency department and federal hospital discharges.

¹⁵ Premature Mortality, percent of deaths occurring before the U.S. birth life expectancy for 2000 (76.9 years for all U.S. residents in 2000), Arizona Department of Health Services, Office of Vital Records. Self-rated health status from the Behavioral Risk Factors Survey on a scale of Excellent, Very Good, Good, Fair, or Poor, year 2000, Arizona Department of Health Services, Office of Epidemiology and Statistics. Average number of unhealthy days in the past month, Centers for Disease Control and Prevention, 2000.